

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036781.D
 Acq On : 9 Apr 2021 19:25
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 5:42:56 PM

Quant Time: Apr 10 07:30:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1241189	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3073267	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2393051	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1571004	8.24	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.40%
Target Compounds						
15) Acetone	3.87	43	25247m	0.207	ppbv	Ovalue
20) Methylene Chloride	4.34	84	7035	0.123	ppbv	# 62

(#) = qualifier out of range (m) = manual integration (+) = signals summed

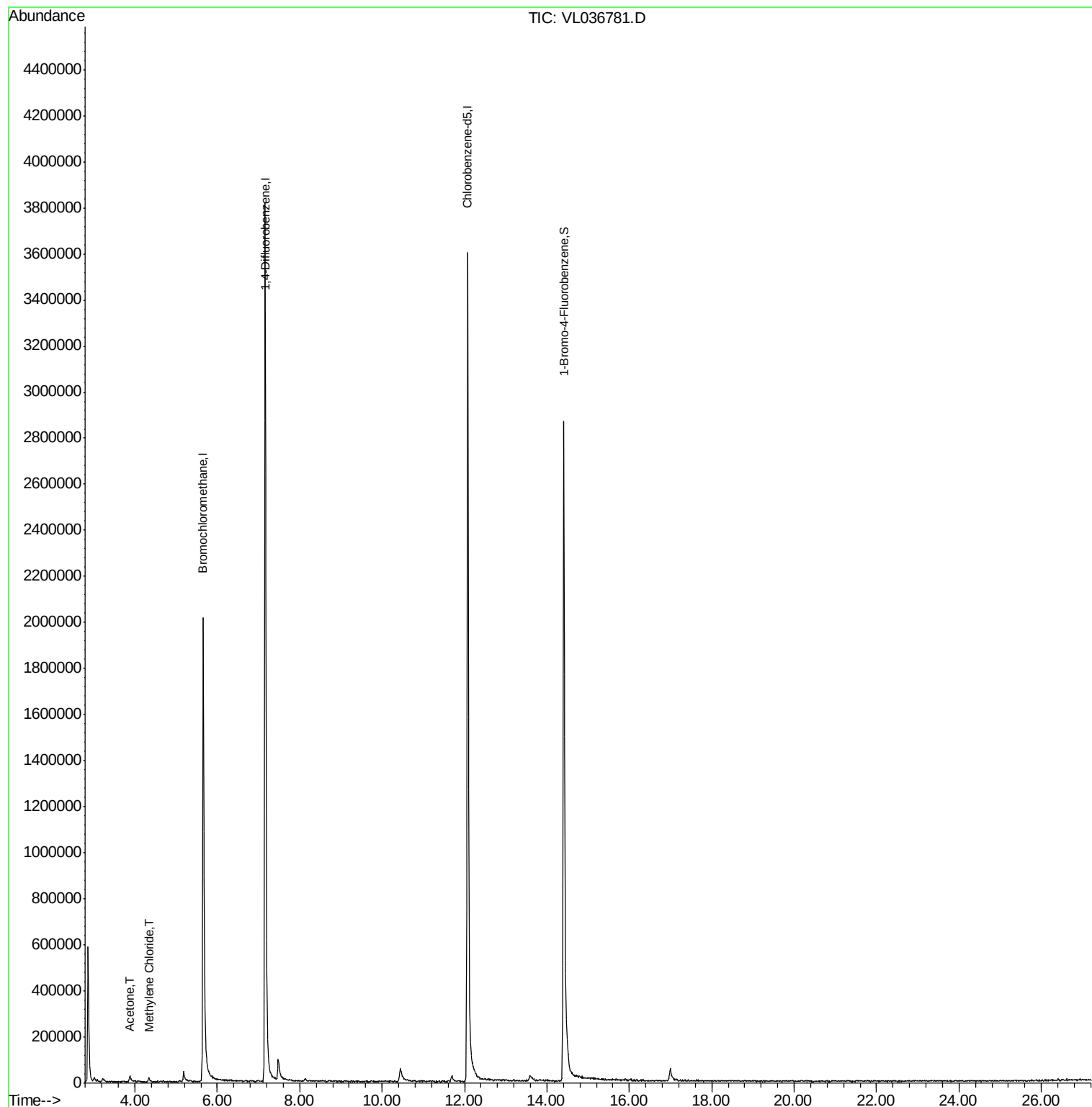
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040921\
Data File : VL036781.D
Acq On : 9 Apr 2021 19:25
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

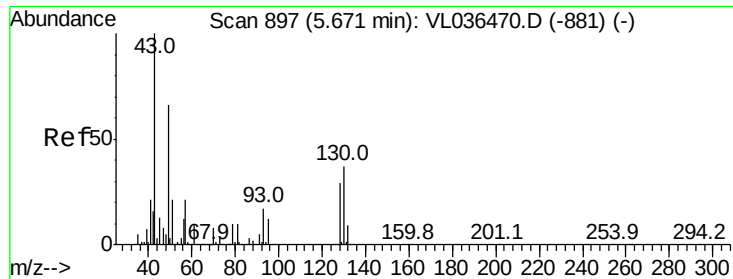
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
4/12/2021 5:42:56 PM

Quant Time: Apr 10 07:30:34 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036781.D

Acq: 9 Apr 2021 19:25

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1241189

Ion Ratio Lower Upper

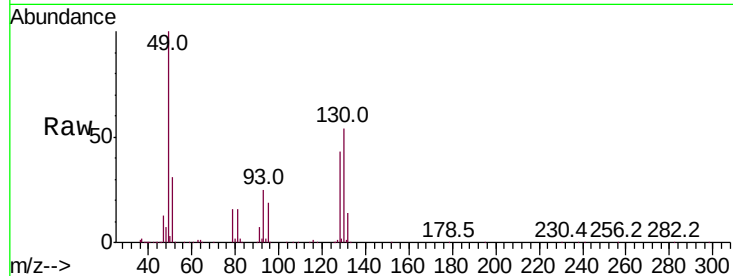
49 100

128 47.0 23.5 70.6

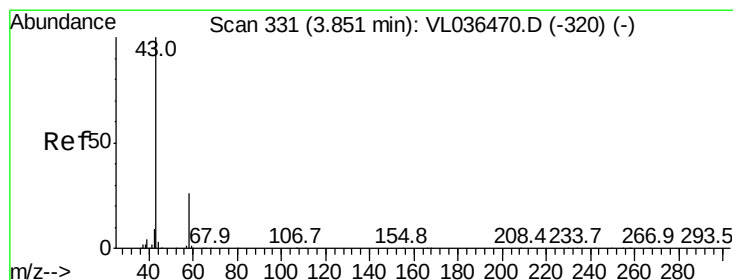
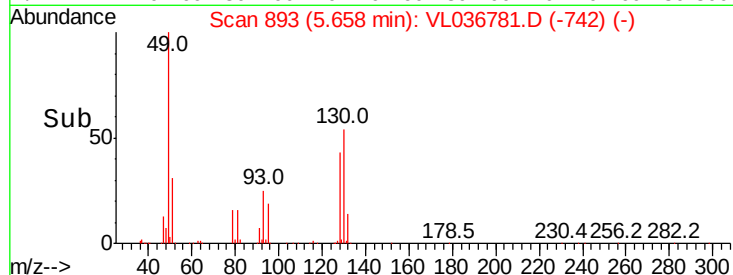
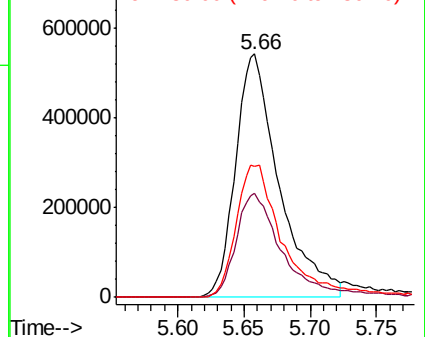
130 60.5 29.1 87.4

Manual Integrations
APPROVED

MMDadoda
4/12/2021 5:42:56 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.207 ppbv m

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL036781.D

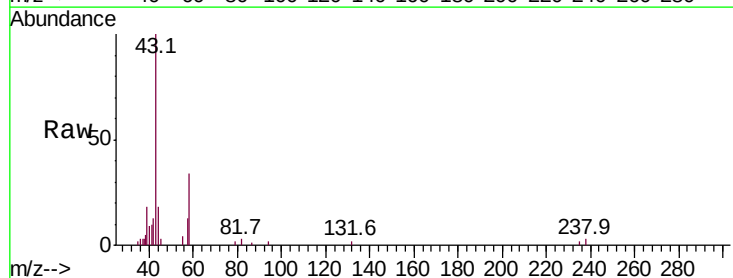
Acq: 9 Apr 2021 19:25

Tgt Ion: 43 Resp: 25247

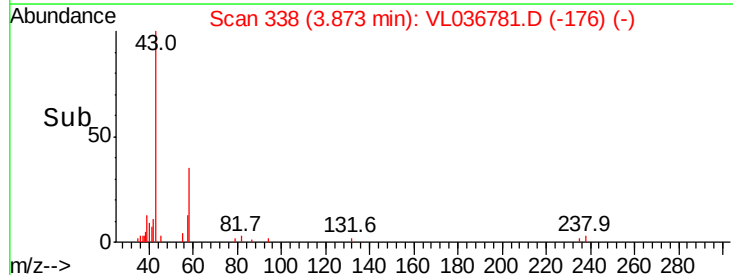
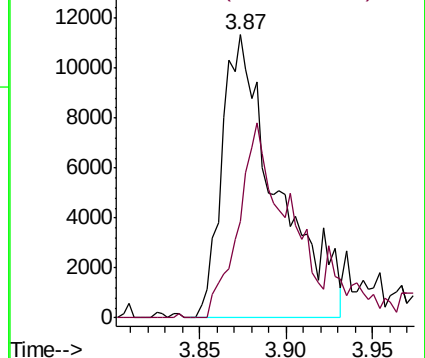
Ion Ratio Lower Upper

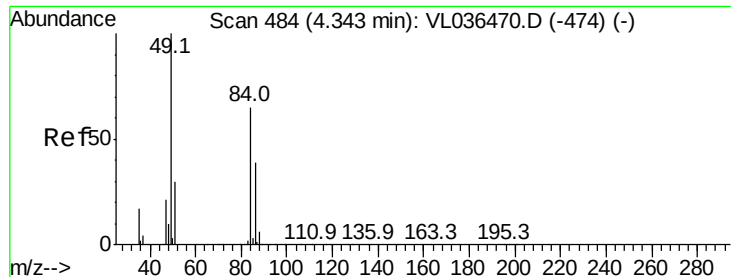
43 100

58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





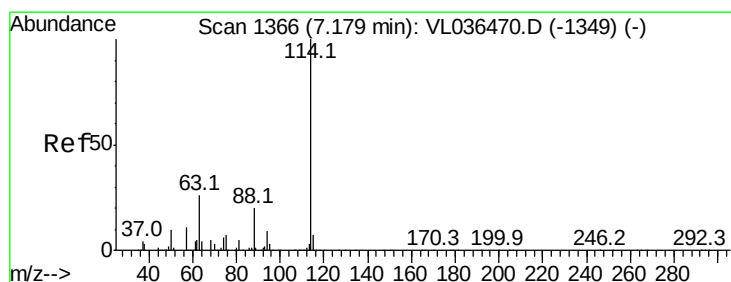
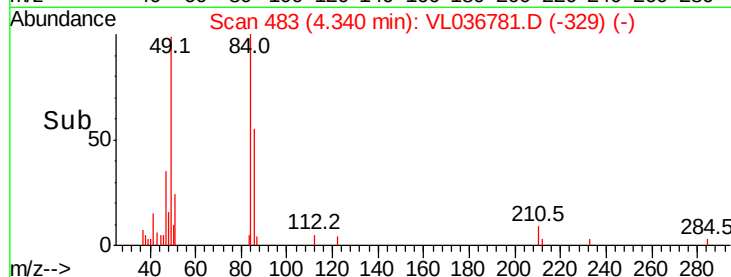
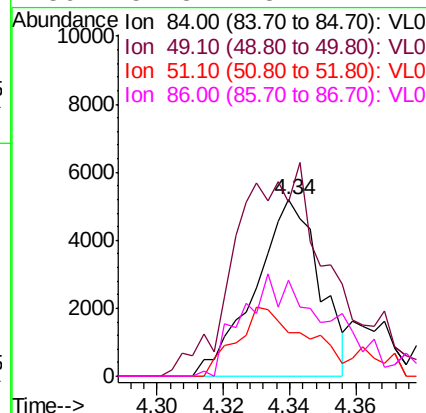
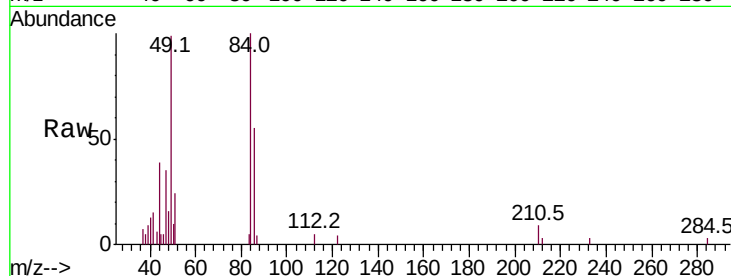
#20
Methvlene Chloride
Concen: 0.123 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	87.7	122.9	184.3#
51	24.5	36.9	55.3#
86	54.8	48.2	72.4

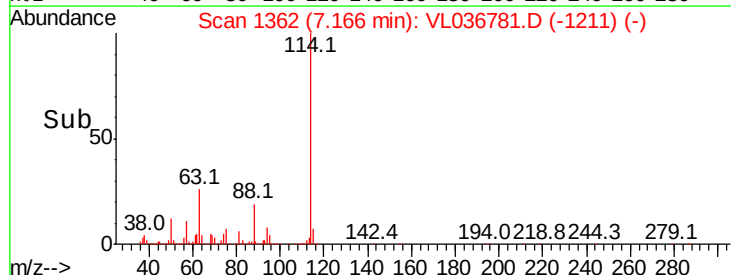
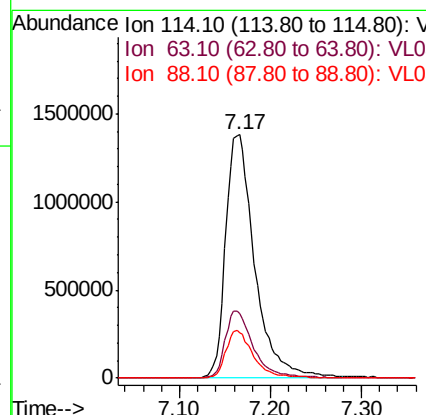
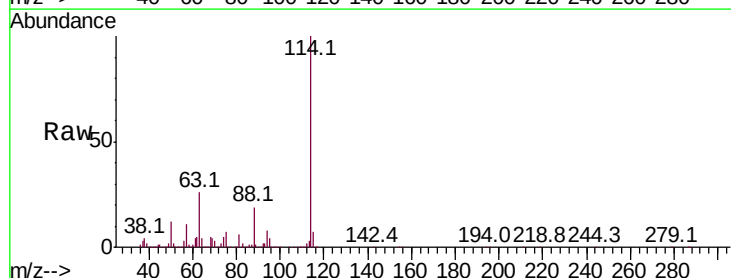
Manual Integrations
APPROVED

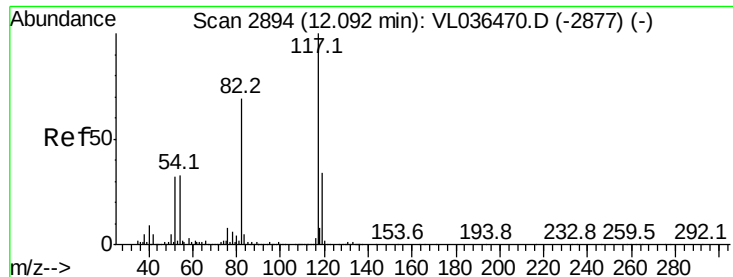
MMDadoda
4/12/2021 5:42:56 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036781.D
Acq: 9 Apr 2021 19:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.9	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL036781.D

Acq: 9 Apr 2021 19:25

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion:117 Resp: 2393051

Ion Ratio Lower Upper

117 100

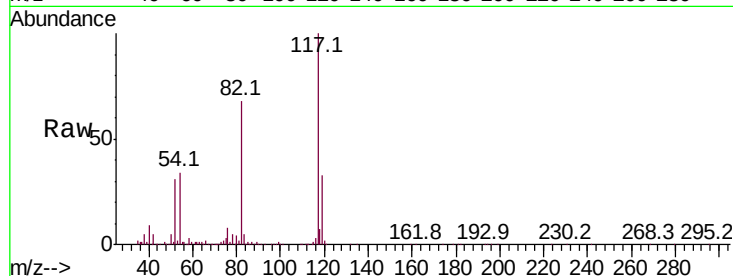
82 71.6 57.4 86.0

119 34.8 47.4 71.0#

Manual Integrations
APPROVED

MMDadoda

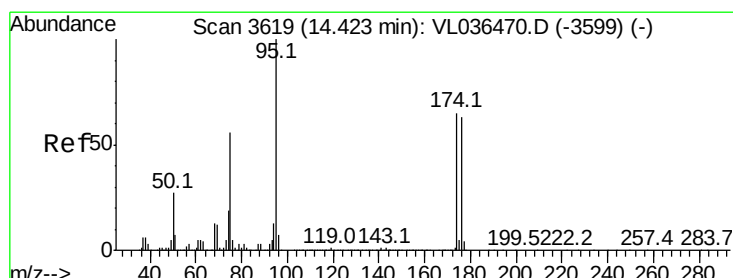
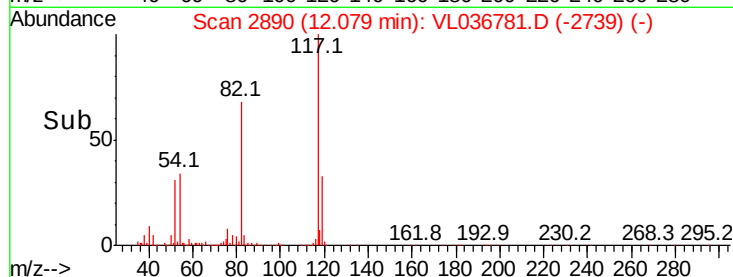
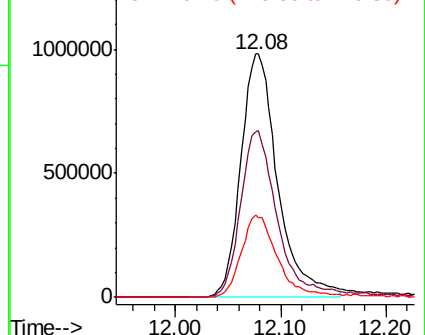
4/12/2021 5:42:56 PM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.237 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL036781.D

Acq: 9 Apr 2021 19:25

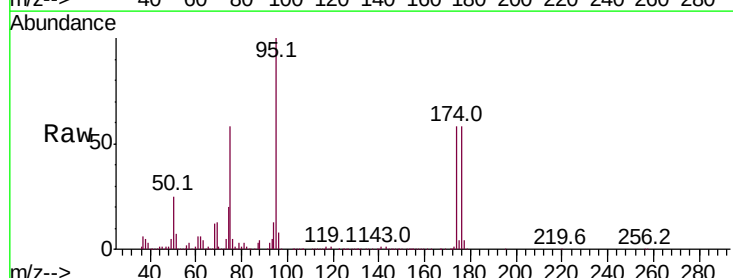
Tgt Ion: 95 Resp: 1571004

Ion Ratio Lower Upper

95 100

174 63.7 51.0 76.6

175 4.6 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

